

## EAST Search History

| Ref # | Hits  | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|-----------------|------------------|---------|------------------|
| L1    | 1012  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+")) )              | USPAT           | OR               | ON      | 2007/08/20 13:21 |
| L2    | 62    | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+")) ) AND ("3GPP") | USPAT           | OR               | ON      | 2007/08/20 13:21 |
| L3    | 469   | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3"\$\$) or ("SIP+")) ) AND ("3GPP")  | US-PGPUB; USPAT | OR               | ON      | 2007/08/20 13:21 |
| L4    | 15582 | ((370/254) or (370/265) or (370/270) or (370/433) or (370/443) or (370/455) or (370/463) or (709/212) or (709/217) or (709/223) or (379/111) or (379/112.1)).CCLS.   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/20 13:21 |

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|     |      |  |                 |    |    |                  |
|-----|------|--|-----------------|----|----|------------------|
| L5  | 3355 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3\$\$") or ("SIP+")) ) | US-PGPUB; USPAT | OR | ON | 2007/08/20 13:21 |
| L6  | 140  | L5 and L4  | US-PGPUB; USPAT | OR | ON | 2007/08/20 13:21 |
| L7  | 3355 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3\$\$") or ("SIP+")) )  | US-PGPUB; USPAT | OR | ON | 2007/08/20 13:21 |
| L8  | 3355 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3\$\$") or ("SIP+")) )  | US-PGPUB; USPAT | OR | ON | 2007/08/20 13:21 |
| L9  | 2676 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3\$\$") or ("SIP+")) )  | US-PGPUB; USPAT | OR | ON | 2007/08/20 13:21 |
| L10 | 3355 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3\$\$") or ("SIP+")) )  | US-PGPUB; USPAT | OR | ON | 2007/08/20 13:21 |

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|     |      |  |                 |    |     |                  |
|-----|------|--|-----------------|----|-----|------------------|
| L11 | 3902 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or (H3\$\$) or ("SIP+")) ) | US-PGPUB; USPAT | OR | ON  | 2007/08/20 13:21 |
| L12 | 2662 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") )                          | US-PGPUB; USPAT | OR | ON  | 2007/08/20 13:21 |
| L13 | 2240 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") )   | US-PGPUB; USPAT | OR | ON  | 2007/08/20 13:21 |
| L14 | 2176 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing)) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") )   | US-PGPUB; USPAT | OR | ON  | 2007/08/20 13:21 |
| L15 | 229  | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") )   | US-PGPUB; USPAT | OR | ON  | 2007/08/20 13:21 |
| L16 | 6063 | ( ((custom\$4) adj (application\$1) adj (mobile) adj2 (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") )  | US-PGPUB; USPAT | OR | ON  | 2007/08/20 13:21 |
| L17 | 55   | (379/112.1).CCLS.  | US-PGPUB; USPAT | OR | OFF | 2007/08/20 13:21 |
| L18 | 469  | (379/111).CCLS.  | US-PGPUB; USPAT | OR | OFF | 2007/08/20 13:21 |
| L19 | 6304 | (709/223).CCLS.  | US-PGPUB; USPAT | OR | OFF | 2007/08/20 13:21 |
| L20 | 1194 | (370/463).CCLS.  | US-PGPUB; USPAT | OR | OFF | 2007/08/20 13:21 |
| L21 | 446  | (709/212).CCLS.  | US-PGPUB; USPAT | OR | OFF | 2007/08/20 13:21 |

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|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| L22 | 131  | (370/433).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L23 | 237  | (370/443).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L24 | 225  | ("CAMEL") AND ("SIP")  | US-PGPUB;<br>USPAT | OR | ON  | 2007/08/20 13:21 |
| L25 | 1694 | (370/254).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L26 | 53   | (370/265).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L27 | 188  | (370/270).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L28 | 5275 | (709/217).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L29 | 27   | ((modif\$7) or (chang\$3) or (add\$3)) SAME ((SIP) or ("SIP+")) or ((session) adj (initiation) adj (protocol)) SAME ((invite) or (INV) or (acknowledge) or (ACK)) AND (CAMEL)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/08/20 13:21 |
| L30 | 120  | ((modif\$7) or (chang\$3) or (add\$3)) SAME ((SIP) or ("SIP+")) or ((session) adj (initiation) adj (protocol)) SAME ((invite) or (INV) or (acknowledge) or (ACK))  | USPAT              | OR | ON  | 2007/08/20 13:21 |
| L31 | 238  | ((SIP) adj ((invite) or (INV)) OR ((SIP) adj ((acknowledge) or (ACK)))   | USPAT              | OR | ON  | 2007/08/20 13:21 |
| L32 | 0    | ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) AND ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3\$\$") or ("SIP+") or ((IP) same ((signaling) adj (protocol\$1))) AND ((all IP) or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM")) AND ("service reference information") | USPAT              | OR | ON  | 2007/08/20 13:21 |
| L33 | 233  | ((SIP) adj ((invite) or (INV)) OR ((SIP) adj ((acknowledge) or (ACK))) AND (CAMEL))  | USPAT              | OR | ON  | 2007/08/20 13:21 |

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|     |    |   |                            |    |     |                  |
|-----|----|---|----------------------------|----|-----|------------------|
| L34 | 0  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1))) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) AND ("call reference number") | USPAT                      | OR | ON  | 2007/08/20 13:21 |
| L35 | 1  | ("0191445").PN.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2007/08/20 13:21 |
| L36 | 5  | ( ((modif\$7) or (chang\$3) or (add\$3)) SAME ( (SIP) or ("SIP+")) or ((session) adj (initiation) adj (protocol)) ) SAME ((invite) or (INV) or (acknowledge) or (ACK)) ) AND (CAMEL)  | USPAT                      | OR | ON  | 2007/08/20 13:21 |
| L37 | 59 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.3"\$\$) or ("SIP+")) ) AND ("3GPP")   | USPAT                      | OR | ON  | 2007/08/20 13:21 |
| L38 | 45 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("SIP+")) )  | USPAT                      | OR | ON  | 2007/08/20 13:21 |

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|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| L39 | 321  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1)) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) | USPAT              | OR | ON  | 2007/08/20 13:21 |
| L40 | 15   | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("SIP+") ) AND ( ((call) adj (state) adj (control) adj (funtion)) or (CSCF) or (GCSM) or (GMSC) or (GGSN) or (SGSN) )   | USPAT              | OR | ON  | 2007/08/20 13:21 |
| L41 | 5275 | (709/217).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/08/20 13:21 |
| L42 | 15   | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("SIP+") ) AND ( ((call) adj (state) adj (control) adj (funtion)) or (CSCF) or (GCSM) or (GMSC) or (GGSN) or (SGSN) )   | USPAT              | OR | ON  | 2007/08/20 13:21 |

## EAST Search History

|     |     |   |       |    |    |                  |
|-----|-----|---|-------|----|----|------------------|
| L43 | 34  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or ((open) adj (system) adj (architecture)) or ("OSA") or (Parley) or ((parley) adj ("API")) or ((parley) adj (application) adj (protocol) adj (interface)) or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1))) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) AND (CAMEL) | USPAT | OR | ON | 2007/08/20 13:21 |
| L44 | 15  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("SIP+") ) AND ( ((call) adj (state) adj (control) adj (funtion)) or (CSCF) or (GCSM) or (GMSC) or (GGSN) or (SGSN) )  | USPAT | OR | ON | 2007/08/20 13:21 |
| L45 | 238 | ( (SIP) adj ((invite) or (INV)) ) OR ( (SIP) adj ((acknowledge) or (ACK)) )   | USPAT | OR | ON | 2007/08/20 13:21 |

## EAST Search History

|     |      |  |       |    |    |                  |
|-----|------|--|-------|----|----|------------------|
| L46 | 0    | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1)) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) AND ("call reference number")   | USPAT | OR | ON | 2007/08/20 13:21 |
| L47 | 322  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or ((open) adj (system) adj (architecture)) or ("OSA") or (Parley) or ((parley) adj ("API")) or ((parley) adj (application) adj (protocol) adj (interface)) or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1)) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) | USPAT | OR | ON | 2007/08/20 13:21 |
| L48 | 34   | L47 AND (CAMEL)  | USPAT | OR | ON | 2007/08/20 13:21 |
| L49 | 1107 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1)) ) )  | USPAT | OR | ON | 2007/08/20 13:21 |

## EAST Search History

|     |     |  |                    |    |    |                  |
|-----|-----|--|--------------------|----|----|------------------|
| L50 | 22  | L47 and L4   | USPAT              | OR | ON | 2007/08/20 13:21 |
| L51 | 45  | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("SIP+")) )   | USPAT              | OR | ON | 2007/08/20 13:21 |
| L52 | 8   | (( (SIP) adj ((invite) or (INV)) ) OR ( (SIP) adj ((acknowledge) or (ACK)) )) AND (CAMEL)  | USPAT              | OR | ON | 2007/08/20 13:21 |
| L53 | 8   | (( (SIP) adj ((invite) or (INV)) ) OR ( (SIP) adj ((acknowledge) or (ACK)) )) AND (CAMEL)  | USPAT              | OR | ON | 2007/08/20 13:21 |
| L54 | 46  | ((modif\$7) same (SIP) same (invite))  | USPAT              | OR | ON | 2007/08/20 13:21 |
| L55 | 86  | ( ((modif\$7) or (chang\$3)) SAME ( (SIP) or ("SIP+") or ((session) adj (initiation) adj (protocol)) ) SAME ((invite) or (INV) or (acknowledge) or (ACK)) )  | USPAT              | OR | ON | 2007/08/20 13:21 |
| L56 | 22  | ( ((modif\$7) or (chang\$3)) SAME ( (SIP) or ("SIP+") or ((session) adj (initiation) adj (protocol)) ) SAME ((invite) or (INV) or (acknowledge) or (ACK)) ) AND (CAMEL)  | US-PGPUB;<br>USPAT | OR | ON | 2007/08/20 13:21 |
| L57 | 322 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or ((open) adj (system) adj (architecture)) or ("OSA") or (Parley) or ((parley) adj ("API")) or ((parley) adj (application) adj (protocol) adj (interface)) or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3\$\$") or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1)) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) | USPAT              | OR | ON | 2007/08/20 13:21 |

## EAST Search History

|     |     |   |              |    |     |                  |
|-----|-----|---|--------------|----|-----|------------------|
| L58 | 322 | ( ((custom\$4) adj (application\$1) adj2 (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ((custom\$4) adj (application\$1) adj (for) adj (mobile) adj (network) adj (enhanc\$3) adj (logic)) or ("CAMEL") or ((open) adj (system) adj (architecture)) or ("OSA") or (Parley) or ((parley) adj ("API")) or ((parley) adj (application) adj (protocol) adj (interface)) or (billing) or ((service) adj (reference)) or ((service) adj (information)) or ((service) adj (identifier)) ) AND ( ((session) adj (initiation) adj (protocol)) or ("SIP") or ("H.323") or ("H.3"\$\$) or ("SIP+") or ( (IP) same ((signaling) adj (protocol\$1))) ) ) AND ( ("all IP") or ("3GPP") or ("UTRAN") or ("UMTS") or ("GPRS") or ("GSM") ) | USPAT        | OR | ON  | 2007/08/20 13:21 |
| L59 | 233 | ( (SIP) adj ((invite) or (INV)) ) OR ( (SIP) adj ((acknowledge) or (ACK)) ) AND (CAMEL)   | USPAT        | OR | ON  | 2007/08/20 13:21 |
| L60 | 3   | (("6961332") or ("7136373") or ("6868090")).PN.   | USPAT; USOCR | OR | OFF | 2007/08/20 13:21 |